

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS D350-607-2 REV. D/D350-607-3 REV. F/D350-607-5 REV B
AND INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-D350-607 REV. 9 OR LATER APPROVED
REVISION

REF. TCCA STC: SH94-14

REF. FAA STC: SR00213NY

REF EASA STC: EASA.10016996

REF BRAZILIAN STC: 2007S03-03/-04/-05/-06

AND TO AMEND INSTALLATION INSTRUCTIONS D350-591 REV. I AND INSTRUCTIONS FOR
CONTINUED AIRWORTHINESS ICA-D350-591 REV. 6 OR LATER APPROVED REVISION

REF. TCCA STC: SH92-6

REF. FAA STC: SH967NE

REF. BRAZILIAN STC: 1992S02-01/-02/-03

REF. GERMAN LBA STC: RC1148

1.0 PURPOSE

The purpose of this Dart Service Instruction (DSI) is to facilitate the simultaneous installation of the D350-591-411/-412 Heli-Access Step with the D350-607-411/-511 Quick Release Basket Mounting Kit.

Note: This installation is not compatible with the D4775-041 Strut Assembly that is included as part of the D350-607-511 Quick Release Basket Mounting Kit.

Note: When the D350-607-XXX Heli-Utility Basket is installed on the D350-607-411/-511 Quick Release Basket Mounting Kit, the floats cannot be armed.

2.0 PROCEDURE

To install a D350-591-411/-412 Heli-Access Step in conjunction with the D350-607-511/-411 Quick Release Basket Mounting Kit, perform the following procedure:

2.1 Install the D350-607-411/-511 Quick Release Basket Mounting Kit per D350-607-2/-3/-5 with the exception of the lower D3910-3/-5/-7 X-Tube Lug on the forward crosstube. In place of the D3910-3/-5/-7 X-Tube Lug, install the D5716-1 Clamp to mate with the D3910-1 X-Tube Lug using the D3984-030 rubber cushion, AN4-14A bolts, NAS1149D0463J washers and MS21042L4 nuts as shown in Figure 1.

2.2 Install the D350-591-411/-412 Heli-Access Step per D350-591 except for the installation of the upper D2230-1 Lug, D2230-3 Clamp, D2732-030 Cushions and their associated hardware on the Forward Cross Tube Attachment. In place of the upper D2230-1 lug, use the D5716-1 Clamp that has been installed per Section 2.1.

2.3 Once all components have been loosely installed per Figure 1, adjust the position of all clamps so that the basket and step have been leveled. Once satisfied with the position of the basket and step, torque all fasteners per D350-591 and D350-607-2/-3/-5 as applicable.

2.4 Update aircraft logbook to indicate installation of the DSI 9821-011 Alternate Clamp Kit.

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 19.02.25
CERT. NO.: SH92-6/SH94-14
ISSUE NO.: 11/7

APPROVED

| | | | |
|------------|--|--|--------------|
| A | NEW ISSUE | PM | 19.02.25 |
| REV. | DESCRIPTION | BY | DATE |
| DESIGN | PM | DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | |
| DRAWN | PM | | |
| CHECKED | VS | DRAWING NO. | REV. A |
| MFG. APPR. | N/A | DSI 9821 | SHEET 1 OF 2 |
| APPROVED | VS | TITLE | SCALE |
| DE APPR. | DS  | ALTERNATE CLAMP KIT | NTS |
| DATE | 19.02.25 | COPYRIGHT © 2019 BY DART AEROSPACE LTD. <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small> | |

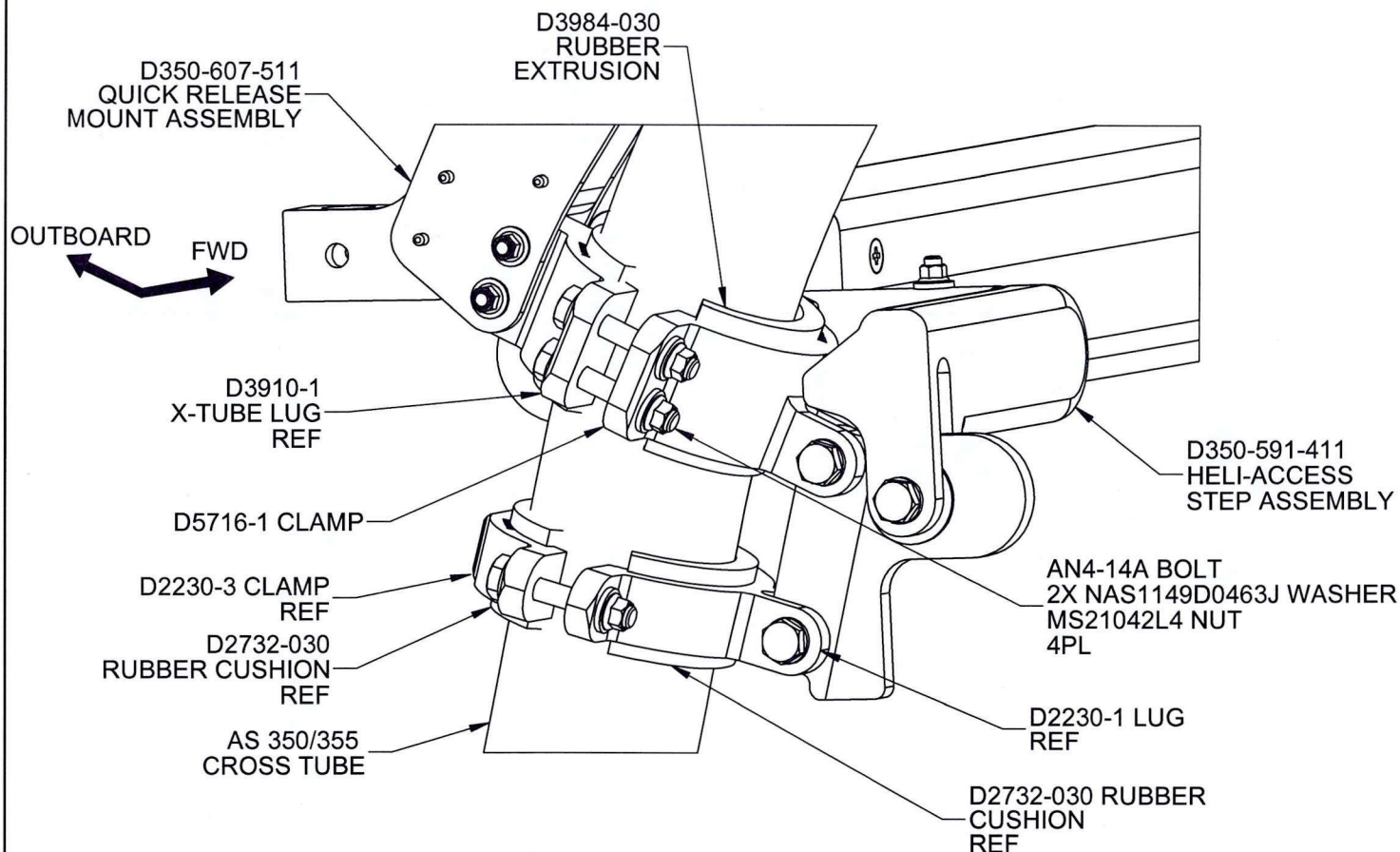


Figure 1 - D5716-1 Clamp Installation

(D350-591-411 WITH D350-607-511 SHOWN, D350-591-412 WITH D350-607-511 OPPOSITE, D350-591-411/-412 WITH D350-607-411 SIMILAR)

3.0 WEIGHT AND BALANCE

This DSI has a negligible effect on Weight & Balance.

4.0 PARTS LIST

| QTY -011 | PART NUMBER | DESCRIPTION |
|-------------|---------------|---------------------|
| 1 | DSI 9821-011 | ALTERNATE CLAMP KIT |
| 1 | D3984-030 | RUBBER EXTRUSION |
| 1 | D5716-1 | CLAMP |
| 4 | AN4-14A | BOLT |
| 4 | MS21042L4 | NUT |
| 8 | NAS1149D0463J | WASHER |

APPROVED

| | | | |
|------------|----------|---|--------------|
| DESIGN | PM | DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA | |
| DRAWN | PM | | |
| CHECKED | VS | DRAWING NO. | REV. A |
| MFG. APPR. | N/A | DSI 9821 | SHEET 2 OF 2 |
| APPROVED | VS | TITLE | SCALE |
| DE APPR. | DS | ALTERNATE CLAMP KIT | NTS |
| DATE | 19.02.25 | COPYRIGHT © 2019 BY DART AEROSPACE LTD. THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD. | |